

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB 03/03348

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03B5/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H03J H03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 911 960 A (ALPS ELECTRIC CO LTD) 28 April 1999 (1999-04-28) column 1, line 7 - line 59; figure 2 ----	1
A	US 6 353 462 B1 (KUDO YASU HARU ET AL) 5 March 2002 (2002-03-05) ----	
A	PATENT ABSTRACTS OF JAPAN vol. 010, no. 325 (E-451), 6 November 1986 (1986-11-06) & JP 61 131919 A (PIONEER ELECTRONIC CORP), 19 June 1986 (1986-06-19) abstract -----	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

6 November 2003

Date of mailing of the international search report

20/11/2003

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INTERNATIONAL SEARCH REPORT
Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0911960	A	28-04-1999	JP 11127028 A DE 69807622 D1 DE 69807622 T2 EP 0911960 A1	11-05-1999 10-10-2002 02-01-2003 28-04-1999
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JP 61131919	A	19-06-1986	NONE	